

# The Department of Homeland Security Energy Management Program

May 2, 2007



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# Policy



“It is the policy of the United States that Federal agencies conduct their environmental, transportation, and energy-related activities under the law in support of their respective missions in an environmentally, economically and fiscally sound, integrated, continuously improving, efficient, and sustainable manner.”

*(Executive Order 13423, Section 1 – Policy)*



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# Program Foundation

- Comply with requirements of Laws, Regulations and Executive Orders
- Apply sound business practices
  - Application of life-cycle costing methodologies
  - Program/project prioritization
- Coordinate programmatic efforts
- Leverage volume for better pricing



# Structure

The Energy Program is managed through the Energy Management Council (EMC)

- Formally established by Charter signed June 11, 2004
- Reports to Chief Administrative Officers' Council
- Chaired by DHS Energy Program Manager
- Comprised of members from components
- Meets monthly
- Has two functional committees:
  - Energy Commodity Committee
  - Fuel Management Committee



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# Major Components



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U.S. Immigration  
and Customs  
Enforcement



FEMA



U.S. Customs and  
Border Protection



Transportation  
Security  
Administration



U.S. Citizenship  
and Immigration  
Services



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# Program Goals

## Energy and Water Conservation

- Reduce Energy Consumption from the FY2003 baseline 3% annually through FY2015, eventually reaching a 30% reduction by the end of FY2015.
- Procure renewable energy as mandated by the Energy Policy Act of 2005 (3% for FY 07 – FY 09; 5% for FY 10 through FY 12; 7.5% FY 13 and beyond) including 50% renewable energy from “new” (built after Jan. 1, 1999) sources.
- Reduce water consumption 2% annually from FY2007 baseline; 16% reduction by the end of FY2015.



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# Goals (continued)

## Transportation

- Reduction of petroleum products in motor vehicle fleets by 2% per year, relative to the FY2005 baseline, by the end of FY 15; and increase use of non-petroleum-based fuel consumption by 10% annually and employ plug-in hybrid (PIH) vehicles when practicable.



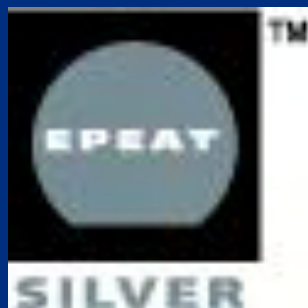
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# Goals (continued)

## Procurement

- Require procurement of energy efficient products.
- 95% of agency purchases of electronics must meet the Electronic Product Environmental Assessment Tool (EPEAT) standards (EPEAT-registered); Energy Star features on agency computers and monitors must be enabled; establish policies to extend the useful life of electronic devices; employ environmentally sound practices for disposal.



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# Strategic Planning

- The Energy Management Council has produced a Master Energy Plan and a Renewable Energy Plan, each of which will take us through 2015.
- The Office of Safety and Environmental Programs is coordinating a combined Strategic Plan for the four principal areas:
  - Energy
  - Environment
  - Safety and Occupational Health
  - Historic Preservation



# Specific Initiatives

- Data collection, management, analysis
  - Recovery audits of utility bills
- Real-time metering
- Performance measures
- Energy Manager and Facility Energy Supervisor training
- Occupant awareness
- Energy Investment Ranking and tracking Department-wide
- We want to “Build a Culture” of energy conservation



# Building on Success

- The Department of Homeland Security received a “Green” score for status and a “Green” score for progress on the FY2006 OMB Scorecard evaluation
- Up from the prior “Yellow” status and “Green” for Progress from the FY2005 Scorecard



# Individuals are the key!

- The main idea is to *R-E-A-C-H* higher.
- There are over 184,000 DHS employees
- Many day-to-day functions contribute to the effort.
- Success depends on each of us –  
individually and collectively.



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